

***CORYNEBACTERIUM GLUTAMICUM* GENES ENCODING STRESS,
RESISTANCE AND TOLERANCE PROTEINS**

Abstract of the Disclosure

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Isolated nucleic acid molecules, designated SRT nucleic acid molecules, which
encode novel SRT proteins from *Corynebacterium glutamicum* are described. The
invention also provides antisense nucleic acid molecules, recombinant expression
vectors containing SRT nucleic acid molecules, and host cells into which the expression
10 vectors have been introduced. The invention still further provides isolated SRT
proteins, mutated SRT proteins, fusion proteins, antigenic peptides and methods for the
improvement of production of a desired compound from *C. glutamicum* based on
genetic engineering of SRT genes in this organism.

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